

4.0 CONCLUSIONS

Five extraction wells, with associated piezometers, and six triple-completion monitoring wells were installed in the Muscoy Plume OU between May 2001 and March 2006. Analytical results for groundwater samples collected at these locations, as well as other groundwater sampling locations in the Muscoy Plume OU, indicate that PCE is present in groundwater at concentrations exceeding the 5 µg/L MCL for PCE in drinking water. TCE is present at concentrations less than the 5 µg/L MCL for TCE in drinking water. The leading edge of the groundwater contamination plume remains undefined south (downgradient) of Muscoy Plume OU monitoring wells MW-137 and MW-138.

In the vicinity of EW-108, groundwater contamination appears to be shallower than was anticipated. An attempt to capture this shallow contamination was made by perforating the casing in a shallow section of EW-108. The full impact of this contamination and the attempt to capture it will be further evaluated in the monthly capture zone analysis reports and the 6-month operations report (URS, future publication).

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